

# ENTRY-LEVEL EDUCATIONAL EQUIVALENCY REVIEW (ELEER)\*

Guidelines for Graduates December 1, 1955 - May 31, 1978

## Physical Therapy Board of California

This evaluation tool should not be interpreted as the sole determinant of an individual's educational preparation or competency to practice. It is not intended to be used as an instrument in evaluation of an educational institution with respect to accreditation.

Name: \_\_\_\_\_ File #: \_\_\_\_\_ Years of PT Matriculation: \_\_\_\_\_

School: \_\_\_\_\_ City: \_\_\_\_\_ Country: \_\_\_\_\_

Reviewer: \_\_\_\_\_ Date: \_\_\_\_\_ AMA Accredited: \_\_\_\_\_ YES \_\_\_\_\_ NO

**DEGREE:** A minimum of a U.S. baccalaureate degree in physical therapy was required of U.S. educated physical therapists during the December 1, 1955 - June 1978 time frame. Equivalency **in course work** must also be required of foreign-educated physical therapists that pursue licensure to practice in the U.S. Physical Therapy teaching programs of no less than 12 months were established in hospitals acceptable to the Council on Medical Education and Hospitals for students whose education met the following requirements: minimum admission requirements to the professional curriculum were two (2) years of collegiate training or graduation from a nationally accredited professional school of nursing of no less than three (3) years duration, either of which qualified a student for a certificate in Physical Therapy. Collegiate preparation of three (3) years duration was encouraged. Preparatory training (2 – 3 years) that was properly integrated with professional training (minimum 12 months) in a collegiate school of Physical Therapy, led to a baccalaureate degree in Physical Therapy.

Additional specific coursework or **content** is required to satisfy the minimum credit hour requirement in areas of general and professional education. The applicant must satisfy the California jurisdiction requirement of semester credit hours in prerequisite course work. The minimum course work requirements may NOT necessarily satisfy the requirements for a baccalaureate degree. California may require a greater number of semester credit hours in either general or professional education as part of the requirements for licensure.

### Guidelines

One (1) semester credit = 15 lecture hours

One (1) quarter credit = 10 lecture hours

One (1) semester credit = 45 laboratory hours

One (1) quarter credit = 30 laboratory hours

One (1) semester credit = 75 directed clinical experience hours

One (1) quarter credit = 50 directed clinical experience hours

\* Based on "Essentials of an Acceptable School of Physical Therapy." Prepared by the Council on Medical Education and Hospitals of the American Medical Association, revised to December 1955.

# ENTRY-LEVEL EDUCATIONAL EQUIVALENCY REVIEW

## GENERAL EDUCATION

Thirty (30) semester credits shall be the minimum number required in general education in the following areas:

**Humanities - Physical Science - Biological Science - Social Science - Behavioral Science**

with a minimum of one (1) **semester course** to satisfy each area of general education unless otherwise noted.\*

\* Jurisdictions have the right to determine the inclusiveness/restrictiveness of these criteria, based on the total components of the credentials evaluation. Jurisdictional needs may include differing or additional requirements such as course work hours and supervised clinical practicum requirements.

## GENERAL EDUCATION REQUIREMENTS

<b>I. Humanities:</b> Three (3) semester units minimum	<b>Credit Hours</b>	<b>Converted Grade</b>	<b>Transcript Reference</b>
<i>A. English</i>			
<i>B. English Composition</i>			
<i>C. Speech or Oral Communication</i>			
<i>D. Foreign Language (other than native language)</i>			
<i>E. Literature</i>			
<i>F. Art</i>			
<i>G. Music</i>			
<i>H.</i>			
<i>I.</i>			
<i>J.</i>			

**SUBTOTAL:** \_\_\_\_\_

<b>II. Physical Science:</b> Shall include areas in Chemistry and Physics*	<b>Credit Hours</b>	<b>Converted Grade</b>	<b>Transcript Reference</b>
<i>A. Chemistry with laboratory</i>			
<i>B. Physics with laboratory</i>			
<i>C. Geology</i>			
<i>D. Astronomy</i>			
<i>E.</i>			
<i>F.</i>			
<i>G.</i>			

**\*Required**

**SUBTOTAL: \_\_\_\_\_**

<b>III. Biological Science:</b> Three (3) semester units minimum	<b>Credit Hours</b>	<b>Converted Grade</b>	<b>Transcript Reference</b>
<i>A. Human Biology</i>			
<i>B. Anatomy</i>			
<i>C. Physiology</i>			
<i>D. Zoology</i>			
<i>E. Kinesiology</i>			
<i>F. Neuroscience</i>			
<i>G. Genetics</i>			
<i>H.</i>			
<i>I.</i>			
<i>J.</i>			

**SUBTOTAL: \_\_\_\_\_**

<b>IV. Social Science:</b> Three (3) semester units minimum	<b>Credit Hours</b>	<b>Converted Grade</b>	<b>Transcript Reference</b>
<i>A. History</i>			
<i>B. Geography</i>			

<i>C. Sociology</i>			
<i>D. Government</i>			
<i>E. Religion</i>			
<i>F. Political Science</i>			
<i>G. Economics</i>			
<i>H. Philosophy</i>			

**SUBTOTAL:** \_\_\_\_\_

<b>V. Behavioral Science:</b> Three (3) semester units minimum	<b>Credit Hours</b>	<b>Converted Grade</b>	<b>Transcript Reference</b>
<i>A. Psychology</i>			
<i>B. Anthropology</i>			
<i>C. Philosophy</i>			
<i>D. Ethics</i>			
<i>E.</i>			

**SUBTOTAL:** \_\_\_\_\_

<b>VI. Mathematics:</b> Three (3) semester units minimum	<b>Credit Hours</b>	<b>Converted Grade</b>	<b>Transcript Reference</b>
<i>A. Statistics</i>			
<i>B. Algebra</i>			
<i>C. Pre-Calculus</i>			
<i>D. Calculus</i>			
<i>E. Trigonometry</i>			
<i>F. Geometry</i>			
<i>G.</i>			

**SUBTOTAL:** \_\_\_\_\_

**TOTAL GENERAL EDUCATION CREDITS:** \_\_\_\_\_ **(30 CREDITS MINIMUM)**

## PROFESSIONAL EDUCATION REQUIREMENTS

(Based on the common standards of education at the time)

<b>I. Basic Health Science:</b> Shall include content areas A. – D.	<b>Credit Hours</b>	<b>Transcript Reference</b>	<b>Syllabus Reference</b>
<i>A. Human Anatomy</i> (Specific to Physical Therapy) <b>Minimum 6 credit hours/210 clock hours</b>			
<i>B. Human Physiology</i> (Specific to Physical Therapy) <b>Minimum 6 credit hours/150 clock hours</b>			
<i>C. Abnormal or Developmental Psychology</i> <b>Minimum 1 credit hour/15 clock hours</b>			
<i>D. Pathology</i> <b>Minimum 2 credit hours/30 clock hours</b>			
<i>G.</i>			
<i>H.</i>			

SUBTOTAL: \_\_\_\_\_

<b>II. Clinical medicine pertinent to physical therapy.</b> Shall include content area A.	<b>Credit Hours</b>	<b>Transcript Reference</b>	<b>Syllabus Reference</b>
<i>A. Medicine and Surgery</i> <b>Minimum 6 semester credits/90 clock hrs.</b>			
<i>B.</i>			
<i>C.</i>			
<i>D.</i>			

SUBTOTAL: \_\_\_\_\_

<b>III. Physical Therapy Tests and Measurements.</b> Shall include content areas totaling <b>three (3) semester credits/105 clock hours.</b>	<b>Credit Hours</b>	<b>Transcript Reference</b>	<b>Syllabus Reference</b>
<i>A. Electrical Procedures:</i>			
<i>B. Manual Procedures:</i>			
<i>C. Physical Achievement:</i>			
<i>D. Body Measurements:</i>			
<i>E. Postural Patterns:</i>			
<i>F. Physiological Function Instruction in:</i> 1. Use of instruments 2. Interpretation of test results <i>Recording of data</i>			
<i>G.</i>			
<i>H.</i>			
<i>I.</i>			

**SUBTOTAL:** \_\_\_\_\_

<b>IV. Therapeutic Exercise and Assistive Devices:</b> Shall include content areas ( <i>with laboratory practice</i> ) totaling <b>six (6) semester credits/210 clock hours</b>	<b>Credit Hours</b>	<b>Transcript Reference</b>	<b>Syllabus Reference</b>
<i>A. Individual and Group Exercises</i>			
<i>B. Functional Activities, including ambulation</i>			
<i>C. Assistive Devices (splints, braces, prostheses, exercise apparatus)</i>			
<i>D. Test and Measurement Findings in Planning Therapeutic Exercise Program</i>			

**SUBTOTAL:** \_\_\_\_\_

<b>V. Physical Agents:</b>			
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Shall include content areas ( <i>with laboratory practice</i> ) totaling <b>five (5) semester credits/165 clock hours</b>	Credit Hours	Transcript Reference	Syllabus Reference
A. Heat and Cold			
B. Light			
C. Water			
D. Massage			
E. Electricity			

**SUBTOTAL:** \_\_\_\_\_

<b>VI. Clinical Education</b>	Credit Hours	Transcript Reference	Syllabus Reference
Clinical Internships shall include <b>eight (8) semester credits/600 clock hours</b>	a. Part time hours: _____ b. Full time hours: _____	a. _____ b. _____	a. _____ b. _____

**SUBTOTAL:** \_\_\_\_\_

**NOTE:** Clinical training and experience should be only in physical therapy departments under the direction of physicians whose qualifications are acceptable to the Council on Medical Education and Hospitals. The Department of Physical Therapy must be in institutions or agencies that have sufficient patient loads, qualified physical therapy personnel, and adequate equipment to provide the type and amount of experience for which the student is assigned. Students should not be assigned to private offices of physicians for clinical practice.

<b>VI. Related Professional Coursework:</b> Shall include content areas totaling <b>two (2) semester credits/30 clock hours</b>	Credit Hours	Transcript Reference	Syllabus Reference
A. <i>Physical Therapy Practice</i> (historical background, present practice,			

trends in the profession)			
<i>B. Administration and Management</i> (physical plant/ equipment, organization, personnel, records, reports, statistical analyses)			
<i>C. Community Health/Program Coordination</i>			
<i>D. Ethical Practice</i>			
<i>E.</i>			
<i>F.</i>			

**SUBTOTAL:** \_\_\_\_\_

**TOTAL GENERAL EDUCATION CREDITS (30 minimum) =** \_\_\_\_\_

**TOTAL PROFESSIONAL EDUCATION CREDITS (42 minimum) =** \_\_\_\_\_

**TOTAL ADDITIONAL RELATED CREDITS** \_\_\_\_\_

**TOTAL CREDITS (120 minimum) =** \_\_\_\_\_

**NOTE: Substantially equivalent** means an individual has satisfied or exceeded the minimum number of credits required in general and professional education needed for a United States baccalaureate degree in physical therapy. However, the coursework completed may not be identical in all respects to a United States baccalaureate degree in physical therapy, but required content areas are evident. Deficiencies may be noted in coursework, but not in essential areas of professional education or of such magnitude that the education is not deemed to be at the entry-level of preparation for practice in the United States.